

Maine DEP

Totally Enclosed Determination Request Dental Amalgam Separators

In order for Maine DEP to be able to evaluate your amalgam separator to determine if it meets the definition of totally enclosed, the following information will need to be submitted by the amalgam manufacturer.

Please provide the following information;

- Provide a succinct description of your treatment unit that demonstrates that the unit is designed and constructed of impermeable material that will prevent the leakage of any liquids and ensure that solids are completely contained within. Attach diagrams or manufacturers information to assist with your explanation.
- Describe when and how the filter unit is changed or replaced. Is there a manufacturers suggested inspection schedule that should be followed by the operator of the unit to ensure filters are replaced prior to falling below the 98% treatment efficiency standard?
- What would trigger or demonstrate to a user that a malfunction has occurred? If a malfunction occurred, describe the steps taken to prevent any release to the environment.
- Would any liquids or waste materials need to be handled in such a way that spillage is a possibility? ♣ Yes ♣ No Is the unit installed into the suction line or hard piped into the plumbing?
- Describe how pipes or vents in your system would prevent an overflow, by-pass or a release. In order to meet the totally enclosed definition the unit must be fail safe designed in that any malfunction would not cause a release from vents, piping, or valves associated with the unit.
- How much does the filter weigh once spent and needs to be shipped?

This information shall be submitted to:

Rick Kaselis
Department of Environmental Protection
Bureau of Remediation & Waste Management
17 State House Station
Augusta, Me 04333-0017